Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011322\
Data File : BN018400.D
Acq On : 13 Jan 2022 19:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 13 20:21:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 13:58:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	25145	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	115820	0.400	ng	#-0.03
13) Acenaphthene-d10	14.243	164	58307	0.400	ng	-0.01
19) Phenanthrene-d10	16.981	188	104074	0.400	ng	#-0.01
29) Chrysene-d12	21.185	240	92124	0.400	ng	0.00
35) Perylene-d12	23.406	264	92498	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	25819	0.417	ng	0.00
5) Phenol-d6	6.803	99	25806	0.416	ng	0.00
8) Nitrobenzene-d5	8.759	82	27483	0.436	ng	-0.01
11) 2-Methylnaphthalene-d10	11.985	152	72577	0.400	ng	-0.01
14) 2,4,6-Tribromophenol	15.741	330	7842	0.441	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	86710	0.412	ng	-0.01
27) Fluoranthene-d10	19.023	212	120050	0.404	ng	0.00
31) Terphenyl-d14	19.634	244	80439	0.403	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	3855	0.273	ng	# 56
3) n-Nitrosodimethylamine	3.512	42	9675	0.427	ng	# 90
6) bis(2-Chloroethyl)ether	7.052	93	27745	0.413	ng	98
9) Naphthalene	10.432	128	118232	0.402	ng	100
10) Hexachlorobutadiene	10.736	225	22709	0.415	ng	# 99
12) 2-Methylnaphthalene	12.061	142	74101	0.411	ng	99
16) Acenaphthylene	13.964	152	87966	0.380	ng	100
17) Acenaphthene	14.307	154	64964	0.402	ng	100
18) Fluorene	15.296	166	75240	0.414	ng	99
20) 4,6-Dinitro-2-methylph...	15.411	198	666	0.284	ng	# 69
21) 4-Bromophenyl-phenylether	16.190	248	22159	0.387	ng	94
22) Hexachlorobenzene	16.300	284	29706	0.390	ng	# 92
23) Atrazine	16.458	200	13598	0.371	ng	# 89
24) Pentachlorophenol	16.665	266	4531	0.479	ng	98
25) Phenanthrene	17.030	178	116254	0.397	ng	100
26) Anthracene	17.115	178	93960	0.389	ng	100
28) Fluoranthene	19.053	202	130067	0.419	ng	# 96
30) Pyrene	19.415	202	131184	0.402	ng	100
32) Benzo(a)anthracene	21.164	228	108828	0.401	ng	98
33) Chrysene	21.217	228	124417	0.404	ng	99
34) Bis(2-ethylhexyl)phtha...	21.111	149	53714	0.431	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.661	276	106853	0.363	ng	# 86
37) Benzo(b)fluoranthene	22.738	252	119078	0.397	ng	# 96
38) Benzo(k)fluoranthene	22.779	252	118943	0.406	ng	# 93
39) Benzo(a)pyrene	23.307	252	109555	0.395	ng	# 94
40) Dibenzo(a,h)anthracene	25.685	278	78478	0.345	ng	# 94
41) Benzo(g,h,i)perylene	26.346	276	98966	0.368	ng	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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